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## Rule 105 - Continuous Emissions Monitoring

### I. DEFINITIONS

Definitions used shall be those given in 40 CFR, Part 51, or equivalent ones established by mutual agreement of the control district, Air Resources Board, and Environmental Protection Agency.

### II. SOURCES AND POLLUTANTS TO BE MONITORED

The owner or operator shall provide, properly install, and maintain in good working order and in operation, continuous monitoring systems to measure the following pollutants from the following sources:

Fossil-fuel fired steam generators with a heat input of 250 million British Thermal Units (63 million kilogram calories) or more per hour with a use factor of at least 30 percent per year, unless an exemption is granted as provided in paragraph 4 below.

1. Oxides of nitrogen.
2. Carbon dioxide or oxygen.
3. SO<sub>2</sub>, if control equipment is used.

4. Upon written application by the owner or operator of a subject source, the Control Officer may grant an exemption from the requirements of this paragraph if the owner or operator demonstrates that the 30 percent use factor is exceeded on account of drought conditions. Any such exemption shall not extend beyond December 31, 1979. The Control Officer shall promptly inform the Executive Officer of the Air Resources Board of any such application received and approval granted.

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### III. INSTALLATION AND STARTUP

Owners or operators of sources required to have continuous emission monitors shall have installed all necessary equipment and shall have begun monitoring and recording by October 6, 1978.

### IV. REPORTING

#### A. File of Records

Owners or operators subject to the provisions of this Rule shall maintain for a period of at least two years a record in a permanent form suitable for inspection and shall make such record available upon request, to the State Air Resources Board and the District.

The record shall include:

1. Occurrence and duration of any startup, shutdown, or malfunction in the operation of any affected facility.
2. Performance testing, evaluations, calibrations, checks, adjustments, and maintenance of any continuous emission monitors that have been installed pursuant to this Rule.
3. Emission measurements.

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B. Quarterly Report

Owners or operators subject to provisions of this Rule shall submit a written report for each calendar quarter to the Control Officer. The report is due by the 30th day following the end of the calendar quarter and shall include:

1. Time intervals, date, and magnitude of excess emissions, nature and cause of the excess (if known), corrective action taken and preventive measures adopted.
2. Averaging period used for data reporting corresponding to averaging period specified in the emission test period used to determine compliance with an emission standard for the pollutant/source category in question.
3. Time and date of each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of system repairs and adjustments.
4. A negative declaration when no excess emissions occurred.

C. Reports of Violations

Any violation of any emission standard to which the stationary source is required to conform, as indicated by the records of the monitoring device, shall be reported by the operator of the source to the district within 96 hours after such occurrence. The district shall, in turn, report the violation to the Air Resources Board within five working days after receiving the report of the violation from the operator.

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V. DATA REDUCTION

Data shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by joint decision of the control district, Air Resources Board, and Environmental Protection Agency.

VI. STANDARDS OF PERFORMANCE OF MONITORING SYSTEMS

A. Systems shall be installed, calibrated, maintained and operated in accordance with the following section of 40 CFR.

1. Fossil-Fuel Fired Steam Generators: Section 60.45, or

(Equivalent standards may be used by mutual agreement of the control district, Air Resources Board and Environmental Protection Agency.)

B. Calibration gas mixtures shall meet the specifications in 40 CFR, Part 51, Appendix P, Section 3.3, and Part 60, Appendix B, Performance Specification 2, Section 2.1, or shall meet equivalent specifications established by mutual agreement of the control district, Air Resources Board, and Environmental Protection Agency.

C. Cycling times shall be those specified in 40 CFR Part 51, Appendix P, Sections 3.4, 3.4.1, and 3.4.2, or shall meet equivalent specifications established by mutual agreement of the control district, Air Resources Board, and Environmental Protection Agency.

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D. The continuous SO<sub>2</sub> and NO<sub>x</sub> monitors shall meet the applicable performance specification requirements in 40 CFR, Part 51, Appendix P, and Part 60, Appendix B, or shall meet equivalent specifications established by mutual agreement of the control district, Air Resources Board, and Environmental Protection Agency.

E. The continuous CO<sub>2</sub> and O<sub>2</sub> monitoring system shall meet the performance specification requirements in 40 CFR, Part 51, Appendix P, and Part 60, Appendix B, or shall meet equivalent specifications established by mutual agreement of the control district, Air Resources Board, and Environmental Protection Agency.